

# MATERIAL SAFETY DATA SHEET

## Dipotassium Phosphate ( $K_2HPO_4$ ), 100%

### FIRST AID (GET MEDICAL ATTENTION IF SYMPTOMS PERSIST)

**EYES:** FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES  
**SKIN:** WASH WITH WATER  
**INHALATION:** REMOVE FROM EXPOSURE  
**INGESTION:** DILUTE STOMACH CONTENTS WITH MILK OR WATER

**HEALTH: 1**

**FLAMMABILITY: 0**

**REACTIVITY: 0**

**PRECAUTIONS: NONE**

### CHEMTREC 24-HOUR EMERGENCY HOTLINE: (800) 424-9300

To be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident.

### MANUFACTURER

FMC Corporation  
2000 Market Street  
Philadelphia PA 19103  
(215) 299-6000

### PHYSICAL DATA

odor: odorless  
appearance: white powder  
melting point: 200°C  
specific gravity: 1.23  
solubility in water: 63% @ 25°C

### REACTIVITY

stability: stable  
conditions to avoid: none  
materials to avoid: none  
Hazardous polymerization will not occur.

### FIRE FIGHTING

flash point: non-combustible  
special procedures: wear NIOSH approved self-contained breathing apparatus and full protective clothing  
extinguishing media: dry chemical, alcohol foam, carbon dioxide, water  
combustion products: none  
unusual hazards: none

### PERSONAL PROTECTION

handling / storing: follow good hygiene practices / general storage  
eyes: safety goggles  
skin: impervious gloves  
respiratory: if dusty, use NIOSH-approved respiratory protection  
ventilation: none specified by manufacturer

### HEALTH HAZARD DATA - NOT HAZARDOUS

route of entry: eyes, skin, ingestion  
eye contact: mildly irritating to unwashed eyes  
skin absorption: practically non-toxic  
ingestion: practically non-toxic  
toxicology: LD50 (oral, rat): >500 mg/kg  
No significant skin, ingestion or inhalation hazard when good personal hygiene practices are followed.

### SPILLS & DISPOSAL

Material should be swept up for salvage or disposal.  
This product is not a federal hazardous waste according to U.S. EPA regulation 40 CFR 261.  
If material cannot be salvaged, dispose of in accordance with all local, state and federal regulations.